

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

P049224508

FACILITY: Industrial Asset Recycling	SRN / ID: P0492
LOCATION: 3775 Outer Drive East, DETROIT	DISTRICT: Detroit
CITY: DETROIT	COUNTY: WAYNE
CONTACT: Adam Hill , Warehouse Manager	ACTIVITY DATE: 12/19/2013
STAFF: Todd Zynda	COMPLIANCE STATUS: Non Compliance
SUBJECT: Self Initiated Inspection (as result of complaint investigation)	
RESOLVED COMPLAINTS:	

This Self Initiated Inspection report is similar to the Complaint Investigation Report CA_P049224508. Please see the complaint investigation report for photos.

REASON FOR INSPECTION: Complaint Investigation
INSPECTED BY: Todd Zynda, AQD
PERSONNEL PRESENT: Adam Hill, House Manager
FACILITY PHONE NUMBER: (586) 703-0887 / (586) 991-0163
FACILITY WEBSITE: www.iarecycling.com/

December 19, 2013 Self Initiated Inspection/Complaint Investigation

On December 19, 2013, at approximately 2:38 PM, a complaint was reported by calling the Michigan Department of Environmental Quality (MDEQ) Air Quality Division (AQD) Detroit office. The complainant (a representative from the Urban Development Corporation) stated that there is black smoke originating from a stack on the building at 3775 Outer Drive East, Detroit, Michigan. The complainant stated that opacity has recently been observed several times from this location. The complainant stated there are health concerns for residents living in the area. Wind direction from wunderground.com indicated that at the time complaint wind originated from the west southwest at 4.6 miles per hour (mph).

AQD records indicate that Fitzsimons Manufacturing Company previously operated at 3775 Outer Drive East. Air quality permits associated with Fitzsimons Manufacturing Company were voided on October 3, 2012. At that time, no business appeared to be in operation at 3775 Outer Drive East.

In response to the complaint, AQD staff, Mr. Todd Zynda conducted a complaint investigation in the vicinity of 3775 Outer Drive East. Mr. Zynda arrived in the area at approximately 3:45 PM. At the time of investigation, winds were calm, and the temperature was approximately 40 degrees Fahrenheit (°F) with overcast skies. Upon arrival visible emissions were observed originating from a metal stack located in southwest portion of the building at 3775 Outer Drive East. Opacity readings were not collected during the investigation; rather AQD entered the facility to assess what equipment is being operated. Photographs were collected of visible emissions prior to entering the facility (see attached). AQD personal entered the property and stated the purpose and authority for inspection and presented AQD identification. Mr. Zynda was greeted by Mr. Adam Hill, House Manager, of Industrial Asset Recycling (IAR).

Mr. Zynda explained that there has been a complaint of visible emissions originating from 3775 Outer Drive East. Mr. Hill explained that IAR is in the salvaged material business and has been operating at 3775 Outer Drive East for several years. Mr. Hill stated that the building is owned by IAR and previously the building was up for lease, but after not leasing, IAR began to use the building for storage and sorting of recycled materials (scrap metal). During the visit a total of four employees were onsite, sweeping, and moving scrap material. A large industrial sized wood burner was observed (see attached photo). According to Mr. Hill, IAR has been operating the wood burner to heat the facility in cold winter months.

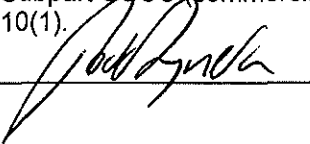
During the inspection the wood piles were observed. According to Mr. Hill, the unit is homemade, and only "clean wood" is burned. However during the inspection, painted wood and wood pallets were also observed in the same area as virgin wood. Mr. Hill stated that the pallets are burned and the painted wood is pulled aside to not be burned. Mr. Zynda informed Mr. Hill that the unit is considered an incinerator, as pallets and treated wood appear to be burned in the unit. Additionally, Mr. Zynda stated that the unit is likely not exempt under Rule 282

(b)(ii), as the rated heat input capacity of the unit cannot be identified (to meet the exemption, the rated heat capacity must be less than 6 million British thermal units per hour [MMBtu/hr]).

The unit measured approximately 5 feet in height, by 5 feet wide, by 8 feet in length. The exhaust duct work was approximately 12 inches in diameter and exited at the roof. Mr. Zynda explained that the unit needs a permit for operation and that burning should be discontinued until the appropriate permit has been obtained. It was explained that a violation notice would be issued to IAR. Mr. Hill provided IAR contact information for further correspondence.

Final Compliance Determination

At the time of the inspection, this facility does not appear to be in compliance with state and federal regulations. A violation notice will be issued for the noncompliance with 40 Code of Federal Regulations (CFR), Part 60, Subpart CGCC (commercial and industrial solid waste incinerator) and Michigan Administrative Code R336.1210(1).

NAME 

DATE 3/26/14

SUPERVISOR W.M.